

ZODIACAL LIGHT.—AUGUST, 1858.

August 4th, 7 h. p.m.—Very distinct.

August 31st, 7 h. p.m.—Not very well defined.

Whenever the sky was obscure, the Zodiacal Light was visible; but it was particularly well defined on the 2nd, 3rd, and 4th of August, so as to admit of ascertaining the position; and chiefly the southern edge was well defined, while the point and northern edge were less distinctly visible.

On the 3rd the following positions were taken:—

A. R.	South Edge.	North Edge.
Degrees.	Degrees.	Degrees.
203		
200	10·5 South Declination.	
195	14·0 South Declination.	5·0 South Declination.
190	15·0 South Declination.	4·0 South Declination.
185	15·0 South Declination.	2·0 South Declination.
180	15·0 South Declination.	2·0 North Declination.
175	16·0 South Declination.	8·0 North Declination.

The point was near Sproua apparently in A.R. 203°.

GEORGE NEUMAYER.

Flagstaff Observatory, *September*, 1858.

ART. XIII.—*Index of the Plants described in the Transactions of the Victorian Institute, of the Philosophical Society, and the Philosophical Institute of Victoria.* By DR. FERDINAND MUELLER.

The following abbreviations have been adopted, viz. :—

P.S. for Transactions of the Philosophical Society of Victoria.

V.I. for Transactions of the Victorian Institute.

P.I. for Transactions of the Philosophical Institute of Victoria.

ABUTILON Behrianum, octocarpum, P.S., i. 13

Acacia tenuifolia, Wilhelmiana, P.S., i. 37

Agrostis gelida, nivalis, V.I., 43

Ammannia Australasica, P.S., i. 41; crinipes, P.I., iii. 49

Angianthus brachypappus, P.S., i. 44

Anisacantha bicuspis, kentropsidea, V.I., 133; quinquecus-
pis, V.I., 134; tricuspis, V.I., 133

Antennaria nubigena, P.S., i. 45; uniceps, P.S., i. 105

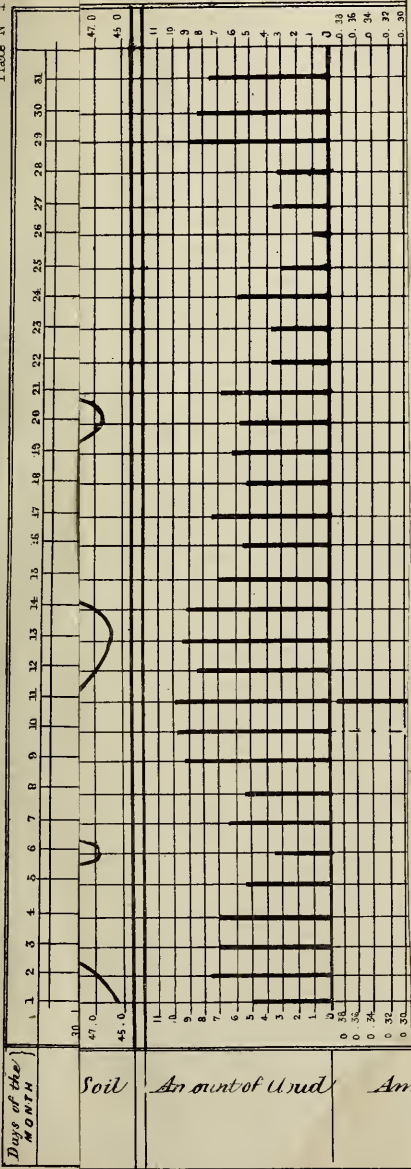
Anthocercis angustifolia, P.S., i. 21; myosotidea, P.S., i. 20

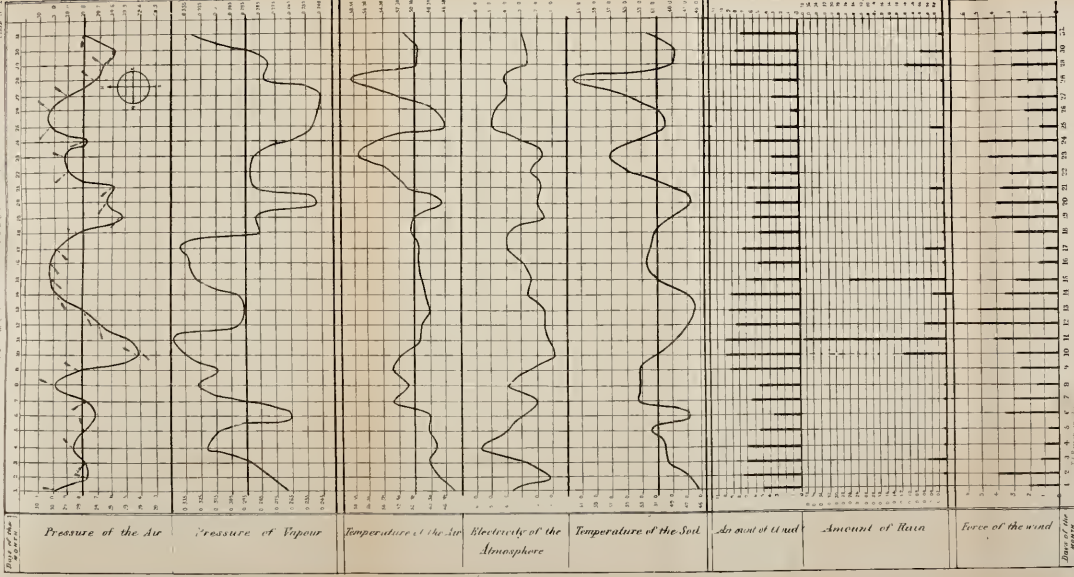
MAGNETIC-OBSERVATORY-FLAGSTAFF-HILL-MELBOURNE

CURVES OF THE DAILY MEASUREMENTS

FOR THE MONTH OF AUGUST 1858

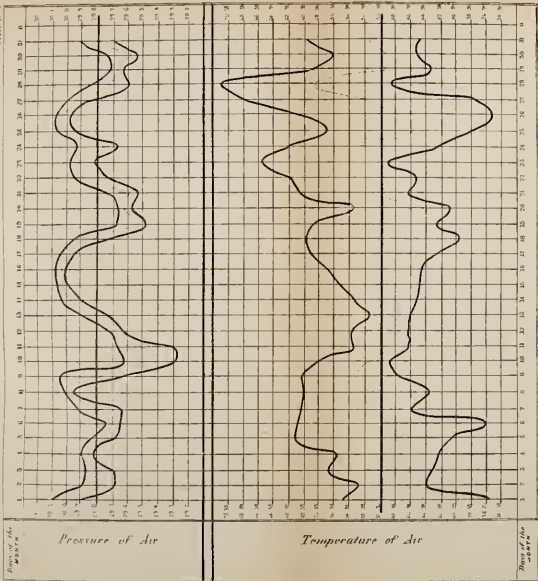
Plate No 1





MAGNETIC — OBSERVATORY—FLAGSTAFF—HILL—MELBOURNE
 RECORD OF THE DAILY MAXIMA AND MINIMA
 FOR THE MONTH OF AUGUST 1856

PLATE No. 2

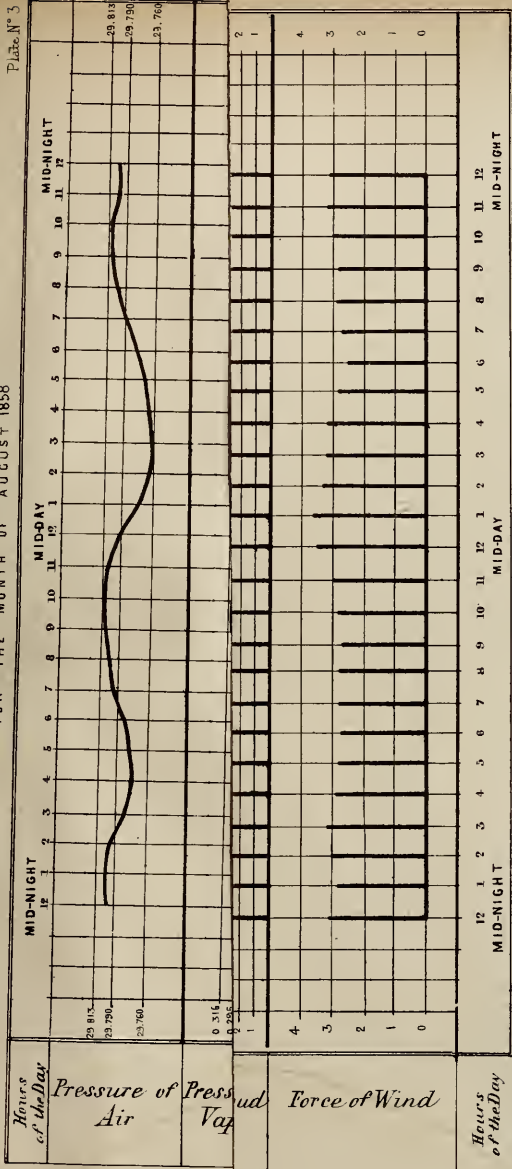


In accompany Prof. Trauer's Paper read before the Phil. Inst. 5. November 1858

MAGNETIC-OBSERVATORY-FLAGSTAFF-HILL-MELBOURNE

CURVES SHEWING THE HORARY MOTIONS
FOR THE MONTH OF AUGUST 1858

Plate N° 3

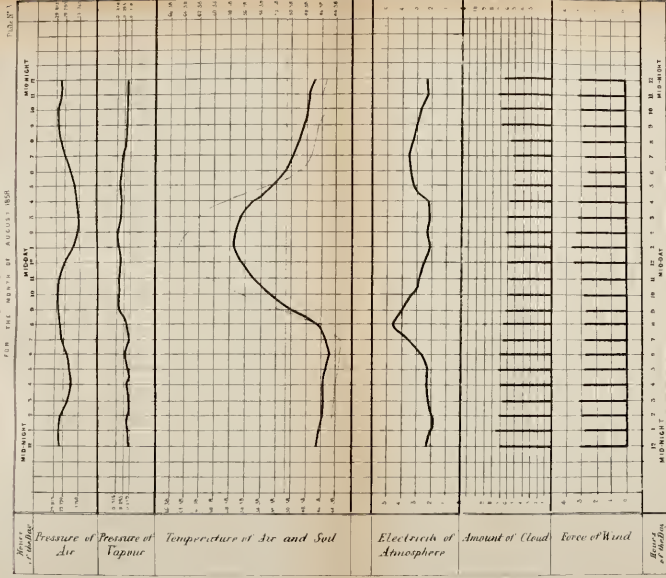


To accompany Prof. Neumayer's Paper read before the Phil. Inst. November 1858

A. J. Stopps Lith.

MAGNETIC-OBSERVATORY-FLAGSTAFF-HILL-MELBOURNE

1874. SHOWING THE HOURLY MOTIONS
FOR THE MONTH OF AUGUST 1858



To accompany P. v. Neumann's Paper read before the Phil. Soc. Melbourne 1858

J. J. Thomson, Esq.